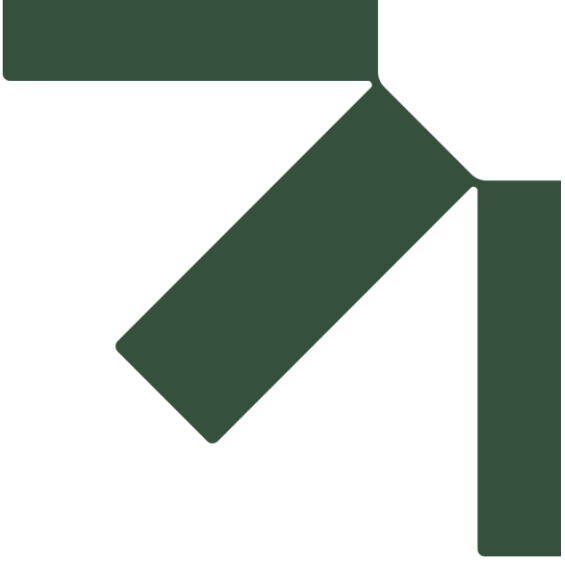




Annex A Excavated Materials Calculations

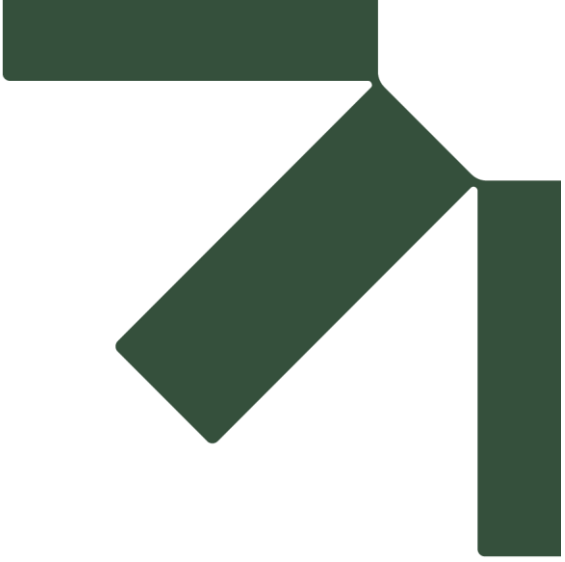
Technical Appendix 10.2: Peat Management Plan

Windburn Wind Farm

Windburn Wind Farm Limited

SLR Project No.: 428.07767.00009

Infrastructure on Peat	Length (m)	Width (m)	Area (m ²)	Average Depth of Peat (m)	Number	Total Excavated Volume Acrotelm Peat (m ³)	Total Excavated Volume Catotelm Peat (m ³)	Total Excavated Volume Peat (m ³)	Length (m)	Width (m)	Area (m ²)	Average Thickness of Peat (m)	Number	Total Re-use Volume Acrotelm Peat (m ³)	Total Re-use Volume Catotelm Peat (m ³)	Total Re-use Volume of Peat (m ³)	Notes
New Excavated Track	14942	6	89652	0.67	1	44826	15241	60067	14942	3	44826	1.00	2	62756	26896	89652	
Existing Upgraded Track	3782	3	11346	0.15	1	1702	0	1702	3782	3	11346	0.15	1	1191	511	1702	
Proposed Turning Head T05			504	0.65	1	252	76	328	150	2	300	1.00	1	210	90	300	
Proposed Turning Head T09			918	0.72	1	459	202	661	150	2	300	1.00	1	210	90	300	
Proposed Turning Head T10			830	1.18	1	415	565	980	150	2	300	1.20	1	252	108	360	
Proposed Turning Head T11			831	0.59	1	415	75	490	150	2	300	1.00	1	210	90	300	
Proposed Turning Head T13			937	0.34	1	319	0	319	150	2	300	0.50	1	105	45	150	
Turbine Bases			707	0.60	13	4592	918	5511	60	2	120	1.00	13	1092	468	1560	
Permanent Hardstandings			1626	0.70	13	10569	4228	14797	260	2	520	1.00	13	4732	2028	6760	
Temporary Hardstandings			1718	0.80	13	11167	6700	17867			1718	0.80	13	12507	5360	17867	Full reinstatement
Proposed Substation Compound			7500	0.16	1	1200	0	1200	350	2	700	0.50	1	245	105	350	
Proposed TCC 1			5475	0.17	1	931	0	931			5475	0.50	1	1916	821	2738	Full reinstatement
Proposed TCC 2			6712	0.29	1	1947	0	1947			6712	0.50	1	2349	1007	3356	Full reinstatement
Proposed TCC 3			5636	0.77	1	2818	1522	4340			5636	1.00	1	3946	1691	5636	Full reinstatement
Borrow Pit 1			5101	0.30	1	1510	0	1510			5101	0.50	1	1786	765	2551	Full reinstatement
Borrow Pit 2			3750	0.44	1	1660	0	1660			3750	0.50	1	1312	562	1875	Full reinstatement
Totals						84781	29526	114307						94820	40637	135457	
Total Excavated Volume Acrotelm Peat (m ³)						84781											
Total Excavated Volume Catotelm Peat (m ³)						29526											
Total Excavated Volume Peat (m ³)						114307											
Total Re-use Volume Acrotelm Peat (m ³)								94820									
Total Re-use Volume Catotelm Peat (m ³)								40637									
Total Re-use Volume of Peat (m ³)*								135457									
Net Balance (m ³)								-21150									



Annex B Peat Coring Data

Technical Appendix 10.2: Peat Management Plan

Windburn Wind Farm

Windburn Wind Farm Limited

SLR Project No.: 428.07767.00009



Hole No.

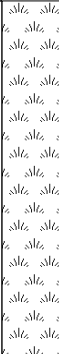
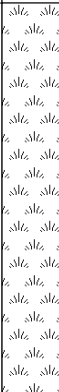
PC01

Sheet 1 of 1

Project: Windburn Wind Farm	Client: Windburn Wind Farm Ltd.	Dates: 06-10-2023
-----------------------------	---------------------------------	-------------------

Project No: 428.07767.00009	Logger: CR	Approved By:	Coordinates: E: 288155.00 N: 701212.00
-----------------------------	------------	--------------	--

Location:	Hole Type: PC	Level:	Vertical Scale: 1:26
-----------	---------------	--------	----------------------

Water	Depth (m)	Sample Type	Depth	Recovery (%)	Depth (m) / Discontinuity Detail	Level (mAOD)	Legend	Stratum Description						
	0.00 - 1.00	C	0.00 - 1.00	Recovery = 100%	1.20			Dark brown fibrous PEAT, with frequent plant remains. (H2, B2).	1					
	1.00 - 2.00							C		1.00 - 2.00	Recovery = 100%	2.50		Dark brown pseudo-fibrous PEAT with occasional plant remains. (H4, B2).
	2.00 - 2.50	C	2.00 - 2.50	Recovery = 50%			Peat Core Complete at 2.50m		3					
										5				

Remarks:

Peat core recovered using peat sampler.



Hole No.

PC02

Sheet 1 of 1

[illegible]

Remarks:

Peat core recovered using peat sampler.

		Peat Core Log						Hole No. PC03 Sheet 1 of 1	
Project: Windburn Wind Farm				Client: Windburn Wind Farm Ltd.				Dates: 06-10-2023	
Project No: 428.07767.00009				Logger: CR		Approved By:		Coordinates: E: 288787.00 N: 702283.00	
Location:				Hole Type: PC		Level:		Vertical Scale: 1:26	
Water	Depth (m)	Sample Type	Depth	Recovery (%)	Depth (m) / Discontinuity Detail	Level (mAOD)	Legend	Stratum Description	
	0.00 - 1.00	C	0.00 - 1.00	Recovery = 100%	0.50			Dark brown fibrous PEAT, with frequent plant remains. (H2, B2).	1
	1.00 - 2.00						Dark brown pseudo-fibrous PEAT with occasional plant remains. (H4, B2).		
	2.00 - 2.50	C	1.00 - 2.00	Recovery = 100%					2
		C	2.00 - 2.50	Recovery = 50%	2.50			Peat Core Complete at 2.50m	3
									4
									5
Remarks: Peat core recovered using peat sampler.									

		Peat Core Log						Hole No. PC04 Sheet 1 of 1			
Project: Windburn Wind Farm				Client: Windburn Wind Farm Ltd.				Dates: 06-10-2023			
Project No: 428.07767.00009				Logger: CR		Approved By:		Coordinates: E: 288691.00 N: 701115.00			
Location:				Hole Type: PC		Level:		Vertical Scale: 1:26			
Water	Depth (m)	Sample Type	Depth	Recovery (%)	Depth (m) / Discontinuity Detail	Level (mAOD)	Legend	Stratum Description			
	0.00 - 1.00	C	0.00 - 1.00	Recovery = 100%	0.50			Brown fibrous PEAT, with frequent plant remains. (H2, B2).			
					1.00			Dark brown fibrous PEAT with occasional plant remains. (H3, B2).			
	1							Peat Core Complete at 1.00m		1	
	2									2	
	3									3	
	4									4	
	5									5	
Remarks: Peat core recovered using peat sampler.											

		Peat Core Log						Hole No. PC05 Sheet 1 of 1	
Project: Windburn Wind Farm				Client: Windburn Wind Farm Ltd.				Dates: 06-10-2023	
Project No: 428.07767.00009				Logger: CR		Approved By:		Coordinates: E: 288603.00 N: 701047.00	
Location:				Hole Type: PC		Level:		Vertical Scale: 1:26	
Water	Depth (m)	Sample Type	Depth	Recovery (%)	Depth (m) / Discontinuity Detail	Level (mAOD)	Legend	Stratum Description	
	0.00 - 1.00	C	0.00 - 1.00	Recovery = 100%	0.50			Dark brown fibrous PEAT, with frequent plant remains. (H2, B2).	1
	1.00 - 2.00						Dark brown pseudo-fibrous PEAT with occasional plant remains. (H4, B2).		
	2.00 - 2.80	C	1.00 - 2.00	Recovery = 100%					2
		C	2.00 - 2.80	Recovery = 80%	2.75			Grey sandy GRAVEL	3
					2.80	Peat Core Complete at 2.80m			
									4
									5
Remarks: Peat core recovered using peat sampler.									



Hole No.

PC06

Sheet 1 of 1

Project: Windburn Wind Farm				Client: Windburn Wind Farm Ltd.				Dates: 06-10-2023	
Project No: 428.07767.00009				Logger: CR		Approved By:		Coordinates: E: 288580.00 N: 700894.00	
Location:				Hole Type: PC		Level:		Vertical Scale: 1:26	
Water	Depth (m)	Sample Type	Depth	Recovery (%)	Depth (m) / Discontinuity Detail	Level (mAOD)	Legend	Stratum Description	
	0.00 - 1.00	C	0.00 - 1.00	Recovery = 100%	0.70			Dark brown fibrous PEAT, with frequent plant remains. (H2, B2).	
								Dark brown pseudo-fibrous PEAT with occasional plant remains. (H4, B2).	
	1.00 - 1.50	C	1.00 - 1.50	Recovery = 50%	1.50		Peat Core Complete at 1.50m		

Remarks:

Peat core recovered using peat sampler.



Peat Core 01
0 – 1.0m



Peat Core 01
1 – 2.0m



The Tun
4 Jackson's Entry
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EH8 8PJ

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Client : Windburn Wind Farm Ltd.

Project No. :- 428.07767.00009

Date :- October 2023



Peat Core 01
2.0 – 2.5m



Peat Core 2
0 – 1.0m



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Peat Core 02
1.0 – 1.9m



Peat Core 03
0– 1.0m



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Peat Core 03
1.0 – 2.0m



Peat Core 03
2.0 – 2.5m



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Peat Core 04
0 – 1.0m



Peat Core 05
0 – 1.0m



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Peat Core 05
1.0 – 2.0m



Peat Core 05
2.0 – 2.8m



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Peat Core 06
0 – 1.0m



Peat Core 06
1.0 – 1.5m



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